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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/061,550	02/01/2002	Philippe Jacot	33923	2418	
116	7590 03/10/2006		EXAMINER		
PEARNE & GORDON LLP 1801 EAST 9TH STREET			BUDD, MARK OSBORNE		
SUITE 1200			ART UNIT	PAPER NUMBER	
CLEVELAN	CLEVELAND, OH 44114-3108			2834	
			DATE MAIL ED: 03/10/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
	10/061,550	JACOT ET AL.				
Office Action Summary	Examiner	Art Unit				
	Mark Budd	2834				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
1) Responsive to communication(s) filed on 27 Ja	nnuary 2006					
<u> </u>	action is non-final.					
<u> </u>	, ,					
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims						
4)⊠ Claim(s) <u>43-77</u> is/are pending in the application.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5)⊠ Claim(s) <u>59-61</u> is/are allowed.						
6)⊠ Claim(s) <u>43,47,55-58,62-65,69-72,76 and 77</u> is/are rejected.						
7)⊠ Claim(s) <u>44-46,48-54,66-68 and 73-75</u> is/are objected to.						
	8) Claim(s) are subject to restriction and/or election requirement.					
Application Papers	oleanen, equilibrium					
9) The specification is objected to by the Examiner.						
10) The drawing(s) filed onis/are: a) accepted or b) objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:						
1. Certified copies of the priority documents have been received.						
2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the priority documents have been received in this National Stage						
application from the International Bureau (PCT Rule 17.2(a)).						
* See the attached detailed Office action for a list of the certified copies not received.						
Attachment(s)						
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948)	4) Interview Summary (Paper No(s)/Mail Da					
Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	5) Notice of Informal Pa	atent Application (PTO-152)				

Application/Control Number: 10/061,550

Art Unit: 2834

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Cclaims 43 and 47 are rejected hundred 35 USC 102aas being anticipate Satoh. Note especially figure 11 of Saito which shows a piezoelectric surface acoustic wave device including a transducer electrode formed on a substrate #21 a first player of the electrode being a medal having a propensity to migrate #22(aluminum-copper alloy)) the second one of the layers being an undesirable destination of potential migration of the medal from the first layer #26 (copper)) and a third layer located between the first and second layers for providing a hardening effect (migration barrier) to inhibit migration of the metal from the first layer to the second layer #25 (cu-al2).

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 55-58, 6265, 6972, 76 and 77 are rejected hundred 35 USC 103 has been obvious over Satohin view of Taniguchi. Satohteaches the surface acoustic wave device with the specific electrode structure but does not teach the details all the lead the electrodes (bus-bar) or attachment pants. From figure 6 it appears that the bus bars are merely extensions of the electrode fingers, and no connecting pants are shown. Ttaniguchi teaches providinga busbar and connecting structure that is made of a different but curial and/or has a different thickness in the electrode thinkers in order to prevent unwanted wave propagation under the busbar. Thus for at least this reason it would have been obvious want of ordinary skill in the art to provide Satohwith the busbar structures taught by Taniguchi.

Claim44-46, 48-54, , 66-68, and 73-75 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Cclaims 59-61 are allowed.

Ffurther cited of interest to show a stressed migration blocking layer provided in a piezoelectric surface acoustic wave device electrode structure are Nishihara and Takayama.

Due to the application of newly cited prior art the above rejections are NOT made final.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Budd whose telephone number is 571-272-2019. The examiner can normally be reached on Monday-TThursday from 6 a.m. to 4 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ddarren Schuberg, can be reached on 571-272-2044. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Mark Burdt? Primary Examiner Art Unit 2834

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